



PROPOSAL EVALUATION

IRWM Grant Program – Local Groundwater Assistance, FY 2012-2013

Applicant	Sacramento Suburban Water District	County	Sacramento
Project Title	Groundwater Monitoring and Modeling Project	Grant Request	\$ 247,925.00
		Total Project Cost	\$ 299,974.00

Project Description: The Proposal studies contaminant transport and the predicted impact to the region water supply by installing additional monitoring wells, conducting aquifer testing, evaluating perchlorate concentration temporal changes, and refining the existing groundwater model to aid in the proactive management of well operations.

Evaluation Summary:

Scoring Criterion	Score
GWMP or Program	5
Technical Adequacy of Work to be Performed	4
Work Plan	10
Budget	5
Schedule	5
QA/QC	5
Past Performance	4
Geographical Balance	0
Total Score	38

- **GWMP or Program:** The Applicant provides their updated GWMP, which was formally adopted by the Sacramento Groundwater Authority (SGA) on December 11, 2008. The Applicant includes a copy of the signed resolution adopting the GWMP.
- **Technical Adequacy of Work to be Performed:** The Criterion is addressed but is not thoroughly documented. The Applicant provides a detailed description of the project, which is to develop an improved monitoring network to detect the extent of perchlorate contamination. The proposal details the three main goals of the proposal, and indicates the locations for two nested groundwater monitoring locations, and monitoring of six sampling points for one year. The applicant displays not only past collaboration but ongoing and future collaboration with the SGA, Central Valley Regional Water Quality Board, and Sacramento County EMD. The applicant demonstrates the long-term need and merit of the proposed project, which is to better understand the preferential pathways of perchlorate movement in the different groundwater aquifers to allow groundwater producers to modify operations and identify remediation opportunities. The Applicant demonstrates that a definite and achievable quantity of new knowledge will be obtained on the movement of perchlorate to guide management efforts. Although the applicant explains that Sacramento Groundwater Authority will maintain the refined groundwater model developed from the study, and that the monitoring wells will become part of the CASGEM monitoring network after grant funds are spent, the applicant does not adequately explain whether perchlorate monitoring will continue after grant funding is expended, nor indicates which entity will fund ongoing monitoring.
- **Work Plan:** The Criterion is fully addressed with thorough and well-presented documentation. The Applicant's Work Plan sufficiently details the work that will be done to accomplish the goals within the Project Description, and the Work Plan is adequately consistent with the Schedule and most of the Budget. The Applicant exhibits a strong strategy for evaluating progress and performance by documenting the deliverables and creating a solid Project Management task within the WP. In Task 1.2, the Applicant addresses private property access given that SSWD owns the property of the proposed project locations. In Tasks 5.4 and 5.8, the Applicant provides for dissemination of information gained from the project to the public, stakeholders, agencies and other interested parties. Finally, the Applicant devotes Task 1 to provide a plan for compiling with CEQA and obtaining the applicable permits, including tasks for environmental compliance and obtaining permits.
- **Budget:** The criterion is fully addressed with thorough and well-presented documentation. The Applicant's Budget includes details and assumptions that are realistic, documented, and cost effective in meeting the proposal's objectives. The Budget is consistent with and supported by the Schedule and the Work Plan, and clearly presents cost share and grant share amounts broken down by tasks in the Budget Summary Table.



PROPOSAL EVALUATION

IRWM Grant Program – Local Groundwater Assistance, FY 2012-2013

- **Schedule:** The criterion is fully addressed with thorough and well-presented documentation. The Applicant's Schedule includes realistic timelines for the work to be performed which is in agreement with the Work Plan and Budget, and presents appropriate detailed tasks that define how the Schedule was derived. The Schedule shows the work will be completed within the required 2-year period. The narrative provides sufficient assurance that the Applicant will be ready to proceed immediately upon funding availability.
- **QA/QC:** The criterion is fully addressed with thorough and well-presented documentation. The Applicant's Quality Assurance Program includes well defined project specific data quality objectives and appropriate QA/QC measures, such as project staff professional certifications, procedural assurances, field sampling and laboratory protocols, use of specific standard methodologies, and modeling calibration procedures.
- **Past Performance:** The criterion is addressed but is not thoroughly documented. The Applicant demonstrates that they are capable of performing high quality work, managing funds and meeting clear deadlines, based on experience on a DWR LGA Agreement and a grant from the U.S. Bureau of Reclamation. However, the type of project (residential meter installations) was not directly comparable to the current proposal, and while documentation in support clearly shows that the project was successfully completed, whether or not it was accomplished on budget and on schedule is not clear.